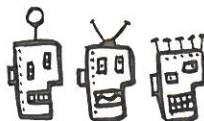


On your own

Read about robots that move. Look for the main idea in each paragraph. Take note of the supporting details.

ROBOTS ON THE MOVE



by Elizabeth Tyndall

Robots have changed over time. One of the major changes is in how they move. At first, robots used tracks and wheels, which only allowed them to move over smooth ground. Now robots can move in many different ways.

When we think of robots, we often think of humanoids, which are machines that look like people. These machines often have two legs. Walking on two legs is difficult for robots because it requires balance. Scientists have found that designing a robot that can

balance itself is very hard so they have found other ways to make robots move.

Australian-born scientist Rodney Brooks observed how insects and spiders moved quickly and easily. Brooks and his team created Genghis, the first robot to move like an insect. Genghis has six legs like a cockroach. These kinds of robots have few problems balancing as they have several feet planted on the ground.

Genghis can easily move on different surfaces because of its six insect-like legs.

